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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		
				Filing Date		Herewith
				First Named Inventor		MORIKAWA
				Group Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number		01711/LH

J0986 U.S. PTO  
 09/09/01  
 11/05/01

**U.S. PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
RW		6,055,601	A	Ogasawara	04-25-2000	

**FOREIGN PATENT DOCUMENTS**

Exam Inits <sup>1</sup>	Cite No <sup>1</sup>	Offc <sup>1</sup>	Document Number <sup>4</sup>	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>5</sup>

Examiner Signature	<i>[Signature]</i>	Date Considered	August 7, 2005
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>3</sup> See kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Place a check here if English translation is attached.

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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	09/991,774	
		Filing Date	November 5, 2001	
		First Named Inventor	Shigenori MORIKAWA	
		Group Art Unit	2662	
		Examiner Name		
Sheet	1	of	Attorney Docket Number	01711/LH

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Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
BW	✓	DE	197 55 870	A1	SIEMENS NIXDORF INF. SYS.	04-08-1999		
BW	✓	WO	99/65183	A3	BRITISH TELECOM	12-16-1999		

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Date Considered

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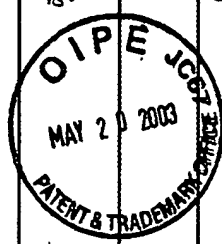
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				Filing Date		November 5, 2001	
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				Group Art Unit		2662	
				Examiner Name			
Sheet	1	of	1	Attorney Docket Number		01711/LH	

**U.S. PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>2</sup>	Document Number	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
RU		5,577,100	A	McGREGOR et al	11-19-1996	



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Examiner Signature	<i>[Signature]</i>	Date Considered	August 7, 2005
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		Filing Date		November 5, 2001	
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Sheet	1	of	1	Attorney Docket Number	01711/LH

## U.S. PATENT DOCUMENTS

Exam. Initials*	Cite No.	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

## FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. <sup>1</sup>	Offic. <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
RW		CN	1222017	A		07-07-1999		

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